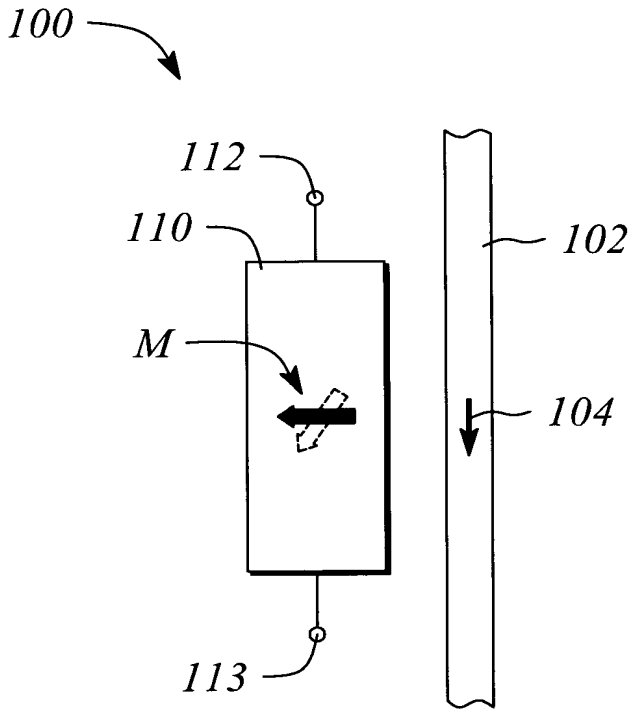
100
112
110
102
M
104
113

FIG. 1

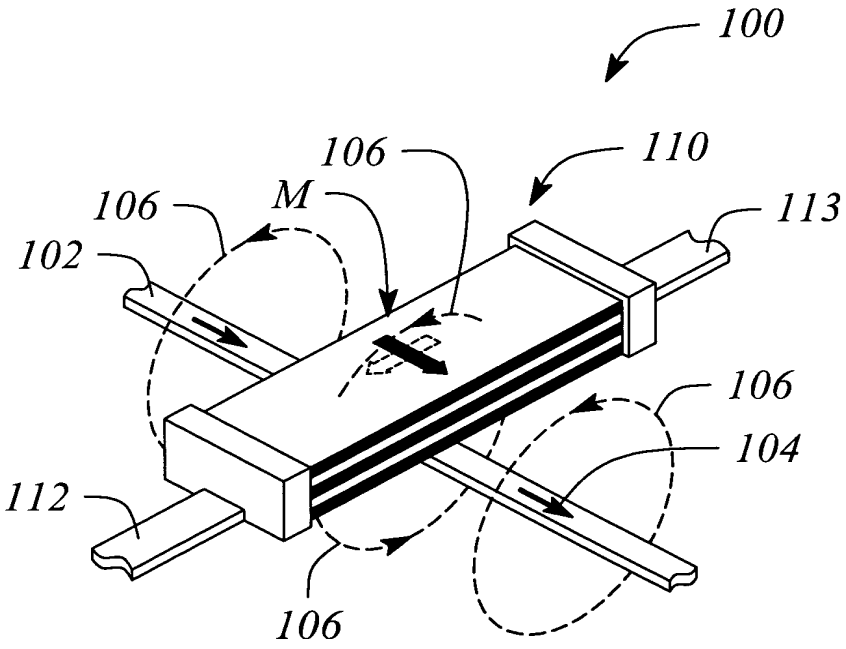
100
106
110
106
M
113
102
106
104
112
106

FIG. 2

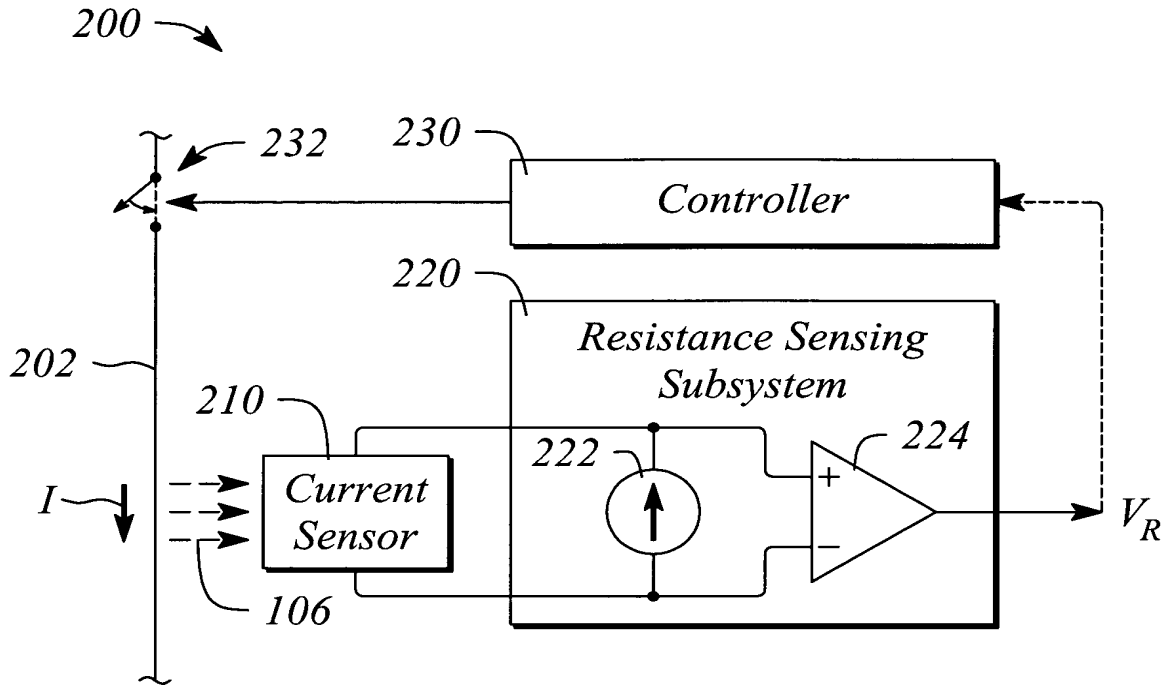
200
232
230
Controller
220
Resistance Sensing
Subsystem
202
210
222
224
I
Current
Sensor
106
V_R

FIG. 3

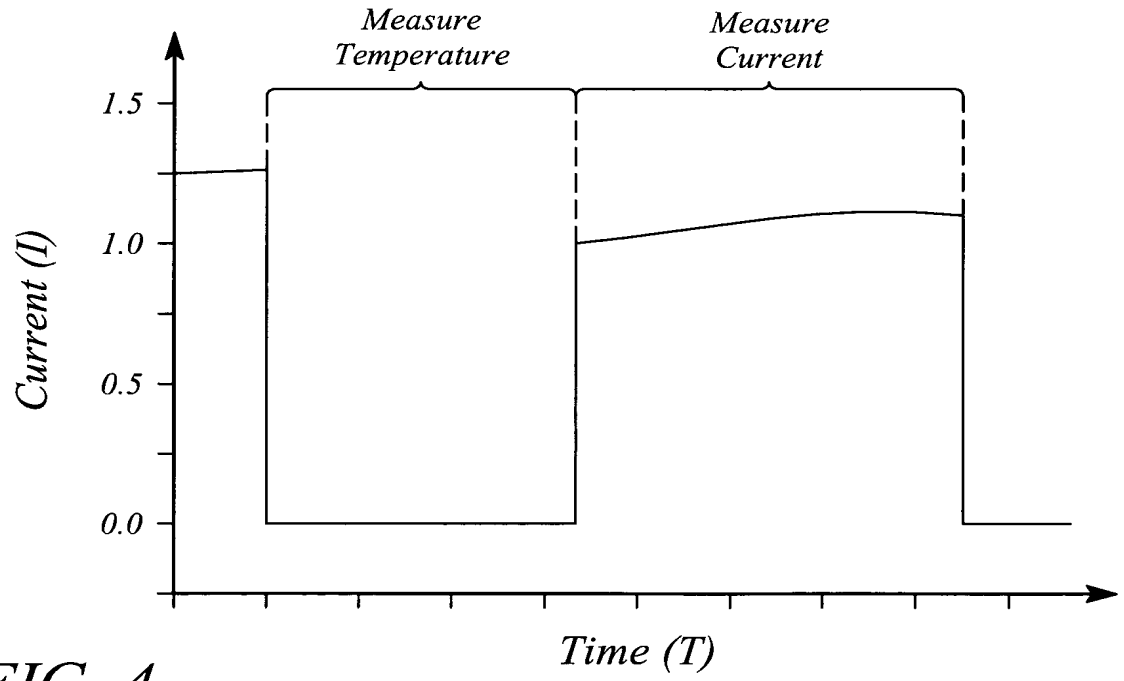
Measure
Temperature
Measure
Current
1.5
1.0
0.5
0.0
Current (I)
Time (T)

FIG. 4

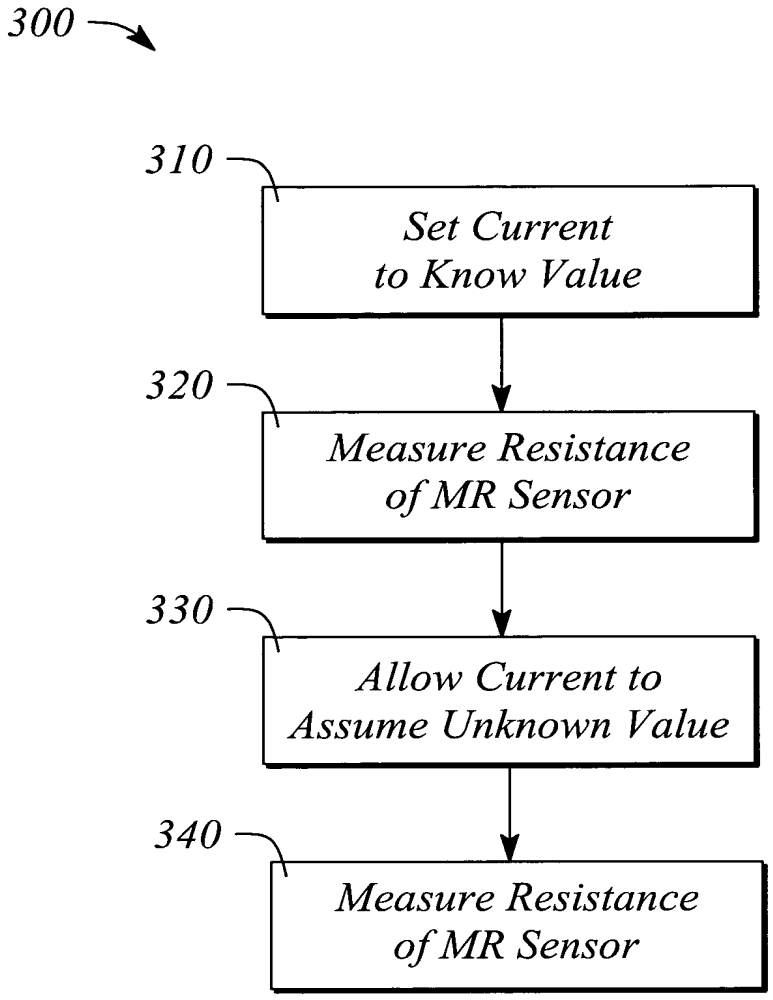
300
310
Set Current to Know Value
320
Measure Resistance of MR Sensor
330
Allow Current to Assume Unknown Value
340
Measure Resistance of MR Sensor

FIG. 5